

CLAIMS

1. A loose-lay floor tile which has on a back face a nonskid backing material obtained by solidifying a paste sol comprising a plasticizer and at least one polyvinyl chloride-based resin selected from the group consisting of a polyvinyl chloride, a copolymer of vinyl chloride and vinyl acetate and a mixture of polyvinyl chloride and polyvinyl acetate.
2. A loose-lay floor tile according to Claim 1, wherein the paste sol further comprises a foam stabilizer of a hydrophobic type, and a foamed material obtained by mechanically foaming and then solidifying the paste sol is disposed on the back face of the tile.
3. A loose-lay floor tile according to Claims 1 or 2, wherein the polyvinyl chloride-based resin is a copolymer of vinyl chloride and vinyl acetate which comprises about 3 to 10% by mole of vinyl acetate as a monomer unit.
4. A loose-lay floor tile according to Claims 1 or 2, wherein the polyvinyl chloride-based resin is a mixture of polyvinyl chloride and polyvinyl acetate comprising about 1.5 to 5% by weight of polyvinyl acetate.
5. A loose-lay floor tile according to any one of Claims 1 to 4, wherein the plasticizer is a phthalic acid-based plasticizer.
6. A loose-lay floor tile according to Claim 5, wherein a content of the

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phthalic acid-based plasticizer is about 50 to 200 parts by weight per 100 parts by weight of the polyvinyl chloride-based resin.

7. A loose-lay floor tile according to Claim 2, wherein the foamed
5 material has an expansion rate of about 1.5 to 4.